

## Appendix

**Trails Plan**

**Wetlands Goals**

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# IDNR Wetland Conservation Guidelines

Indiana Department of Natural Resources' December 1, 1995 non-rule policy on wetlands conservation

The following statement shall serve to guide the Indiana Department of Natural Resources in proactively protecting and managing Indiana's wetland resources.

IDNR recognizes that over 85% of Indiana's natural wetlands have been drained or filled and as more wetlands are lost, the value of remaining wetland resources had increased.

IDNR also recognizes that wetlands provide many benefits to the citizens of Indiana by:

- 1) supporting the state's forest, fish, and wildlife resources with critical habitat for species that have commercial and recreation value;
- 2) retaining and gradually releasing floodwater;
- 3) recharging groundwater resources;
- 4) reducing the effects of erosion and chemical pollution in our state's waterways and fresh water lakes by trapping and utilizing nutrient and sediment runoff;
- 5) providing areas for many types of recreation; and
- 6) sustaining a number of rare and endangered plant and animal species;

AND:

IDNR realizes that to protect these benefits, it must embark on wetland management activities that include protection, acquisition, enhancement, and creation of wetland resources.

Therefore:

The Indiana Department of Natural resources will implement strategies that:

- 1) Increase the quality, availability, and use of information concerning the historical, economic, and ecological values of wetland resources for present and future generations;
- 2) Use scientific criteria to assess key function and values of existing wetlands prior to disturbance and to monitor results of projects following creation or alteration of wetlands;
- 3) Identify the remaining highest quality wetlands in order to prioritize them for protection or acquisition in a natural or semi-natural state and to employ human intervention when necessary to maintain ecological structures and processes;



- 4) Restore and manage intermediate or poor quality wetlands to accomplish specific purposes, including ecological productivity, flood control, water quality improvements, recreational opportunities, and aesthetic values, through biologically and scientifically sound manipulation;
- 5) Create and maintain new wetlands to provide one or more benefits of natural wetlands, alleviate some of the lost wetland acreage in the state, and strengthen the use and development of bio-engineered systems for purposes such as wastewater treatment, floodwater retention, agricultural productivity, and landscape management; and
- 6) Support the development of comprehensive wetland conservation plans that facilitate cooperative efforts between natural resource agencies and organizations involved in these issues.

It is by following these guidelines that all citizens of the State of Indiana will continue to enjoy wetland resources, which are necessary for maintaining a higher quality of life in Indiana.

## Wetlands Goals and Objectives

The wetland related goals and objectives are from the *1996 Indiana Wetlands Plan* and are included to satisfy requirements of the federal Land and Water Conservation Fund. The *1996 Indiana Wetlands Plan* was created through a series of public and organizational meetings. Oversight of plan implementation is coordinated by the Wetlands Advisory Group and the Technical Advisory Team.

The *Hoosier Wetland Conservation Initiative* is the action part of the *Indiana Wetlands Conservation Plan (IWCP)*. It represents a strategic approach to conserving Indiana's wetland resources.

### 1. Focus areas

#### Background

The cornerstone of the Initiative is an emphasis on planning and implementing the *IWCP* through local wetland conservation partnerships. Although many existing wetland conservation programs are administered at the state or federal levels, implementation and application at the local level is the most effective means for delivery. Many successful focus area projects are already in place in Indiana.

#### Objective 1.1

Increase the number of focus area projects in Indiana.

#### Objective 1.2

Increase the effectiveness of existing focus area projects.

### 2. Increase scientific information on Indiana wetland resources.

#### Background

The lack of quantitative information on some aspects of Indiana's wetland resources is a major obstacle to improving wetland conservation efforts. Increased scientific information on Indiana's wetland resources is critical to identifying and implementing long-term wetland conservation strategies and policies that are both effective and cost-efficient. High priority should be attached to achieving these scientific information objectives.

#### Objective 2.1

Have a standardized method for functional assessment of wetland quality.

#### Objective 2.2

Have an inventory system capable of quantitatively identifying and monitoring Indiana's wetlands.



## Objective 2.3

Prioritize Indiana's wetlands for conservation by community type and watershed.

## Objective 2.4

Have a method for assessing the impacts (costs and benefits) of wetland conservation efforts on local economies, communities, agricultural production, tax revenues, etc.

### 3. Incentives—positive incentives to voluntarily conserve and restore wetlands.

#### Background

A variety of positive incentives to voluntarily conserve and restore wetlands is currently available in Indiana. Although these have been very popular and successful in conserving wetlands, with additional funding and/or promotion, they could be more effective. Existing incentives should be better utilized and additional incentives should be developed to fill priority needs.

## Objective 3.1

Identify existing, effective incentives and specific additional incentives needed in Indiana.

### 4. Education—targeted efforts for technical staff, people who own/work the land, school children, and other audiences.

## Objective 4.1

Inform Hoosiers of the *IWCP* – what it is, what it means to them, and how they can get involved.

## Objective 4.2

Identify existing, effective education efforts and specific, additional education efforts that are needed in Indiana.

## Objective 4.3

Improve the accessibility of existing wetlands information to all interests.

### 5. Acquisition—efforts to acquire permanent protection for priority wetlands from willing owners.

#### Background

Acquisition of enough land to conserve all of the functions and benefits that wetlands provide in Indiana, and to achieve the goal of the *IWCP* is neither feasible nor desirable. However, there is broad support for providing permanent protection of some wetlands because of their rarity, susceptibility to loss, or other factors. It is important to emphasize that acquisitions should be from willing sellers and that permanent protection can be obtained in ways other than fee title, such as permanent easements.

### Objective 5.1

Identify long-term, statewide wetland acquisition priorities.

### Objective 5.2

Increase acquisition efforts for current, high-priority wetlands from willing sellers.

### Objective 5.3

Address the issue of tax revenue reductions to local communities as a result of wetland acquisition programs.

## Grant Funding Tables

**Distributions by County for LWCF, Indiana Waters, WRHCF,  
Hometown Indiana, RTP, and Shooting Range Programs**



# SCORP 2000

## Land and Water Conservation Fund

<b>LWCF</b>	<b>County</b>	<b>County</b>	<b>Region</b>	<b>Grant Amount</b>	<b>Region Total</b>
<b>Region</b>	<b>County</b>	<b>Project Total</b>	<b>Project Total</b>		
1A	Lake	45		\$ 5,675,139.22	
	Porter	19		\$ 2,252,533.51	
	LaPorte	8		\$ 848,234.75	
			72		\$ 8,775,907.48
1B	Jasper	4		\$ 329,150.00	
	Pulaski	1		\$ 609,831.50	
	Newton	0			
	Starke	2		\$ 32,712.50	
	White	0			
			7		\$ 971,694.00
2	Elkhart	16		\$ 1,263,352.25	
	Kosciusko	8		\$ 479,941.65	
	Marshall	7		\$ 683,989.50	
	St. Joseph	27		\$ 7,647,215.39	
			58		\$10,074,498.79
3A	Huntington	2		\$ 83,893.40	
	LaGrange	4		\$ 244,727.38	
	Noble	9		\$ 736,078.39	
	Steuben	8		\$ 629,567.11	
	Whitley	6		\$ 163,208.07	
			29		\$ 1,857,474.35
3B	Adams	7		\$ 188,516.61	
	Allen	20		\$ 1,179,419.73	
	DeKalb	3		\$ 90,392.65	
	Wells	6		\$ 956,421.82	
			36		\$ 2,414,750.81
4	Benton	1		\$ 15,879.30	
	Carroll	1		\$ 66,166.54	
	Clinton	0			
	Fountain	3		\$ 265,340.28	
	Montgomery	3		\$ 41,218.00	
	Tippecanoe	12		\$ 1,536,327.40	
	Warren	0			
			20		\$ 1,924,931.52
5	Cass	1		\$ 160,000.00	
	Fulton	2		\$ 107,008.95	
	Howard	4		\$ 398,409.55	
	Miami	0			
	Tipton	2		\$ 101,730.00	
	Wabash	3		\$ 17,814.94	
			12		\$ 784,963.44



### Land and Water Conservation Fund

<b>LWCF Region</b>	<b>County</b>	<b>County Project Total</b>	<b>Region Project Total</b>	<b>Grant Amount</b>	<b>Region Total</b>
6	Blackford	1		\$ 55,186.00	
	Delaware	3		\$ 283,091.29	
	Grant	6		\$ 609,991.33	
	Henry	2		\$ 37,144.06	
	Jay	2		\$ 53,589.82	
	Madison	19		\$ 2,539,151.58	
	Randolph	3		\$ 146,088.11	
			36		\$ 3,724,242.19
7	Clay	2		\$ 222,947.00	
	Parke	4		\$ 465,434.21	
	Putnam	1		\$ 58,880.38	
	Sullivan	4		\$ 321,536.18	
	Vermillion	4		\$ 40,799.67	
	Vigo	10		\$ 1,348,838.54	
			25		\$ 2,458,435.98
8	Boone	1		\$ 59,700.00	
	Hamilton	7		\$ 505,703.19	
	Hancock	1		\$ 220,000.00	
	Hendricks	1		\$ 100,000.00	
	Johnson	2		\$ 84,060.00	
	Marion	19		\$ 3,915,107.28	
	Morgan	2		\$ 127,100.00	
	Shelby	0			
			33		\$ 5,011,670.47
9	Fayette	1		\$ 28,412.30	
	Rush	0			
	Union	4		\$ 1,056,998.02	
	Wayne	3		\$ 321,822.98	
			8		\$ 1,407,233.30
10	Monroe	18		\$ 1,115,216.61	
	Owen	4		\$ 998,221.67	
			22		\$ 2,113,438.28
11	Bartholomew	4		\$ 240,041.83	
	Brown	6		\$ 1,957,586.96	
	Decatur	1		\$ 100,000.00	
	Jackson	1		\$ 599,785.09	
			12		\$ 2,897,413.88



### Indiana Waters

<u>Region</u>	<u>County</u>	<u>Grant Amount</u>	<u>Region</u>	<u>County</u>	<u>Grant Amount</u>
1A	LaPorte	\$123,553.50	10		\$0
1A	Porter	\$255,500.00			
1A	Lake	<u>\$1,664,429.00</u>	11	Bartholomew	<u>\$61,500.00</u>
		\$2,043,482.50			\$61,500.00
1B	White	<u>\$17,190.00</u>	12	Switzerland	\$102,750.00
		\$17,190.00	12	Ohio	<u>\$86,850.00</u>
					\$189,600.00
2	Elkhart	\$255,519.00			
2	Kosciusko	\$123,757.25	13A	Knox	<u>\$102,555.75</u>
2	St. Joseph	<u>\$95,025.00</u>			\$102,555.75
		\$474,301.25			
3A	Noble	<u>\$23,928.00</u>	13B	Warrick	\$134,757.00
		\$23,928.00	13B	Vanderburgh	<u>\$31,500.00</u>
					\$166,257.00
3B	Allen	<u>\$116,250.00</u>	14	Clark	<u>\$226,500.00</u>
		\$116,250.00			\$226,500.00
4	Montgomery	\$42,750.00	15	Crawford	\$67,875.00
4	Tippecanoe	<u>\$42,476.25</u>	15	Perry	\$176,625.00
		\$85,226.25	15	Spencer	<u>\$252,675.00</u>
					\$497,175.00
5	Fulton	\$160,622.50			
5	Howard	<u>\$29,250.00</u>	<b>Program Total</b>		<b>\$4,618,497.25</b>
		\$189,872.50			
6	Grant	<u>\$64,486.00</u>			
		\$64,486.00			
7	Vigo	<u>\$75,000.00</u>			
		\$75,000.00			
8	Marion	\$133,217.00			
8	Hamilton	<u>\$25,000.00</u>			
		\$158,217.00			
9	Wayne	<u>\$126,956.00</u>			
		\$126,956.00			



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## Wabash River Heritage Corridor Fund

<u>Region</u>	<u>County</u>	<u>Grant Amount</u>
3A	Huntington	\$0
3B	Adams	\$0
3B	Allen	<u>\$100,000.00</u>
		\$100,000.00
4	Wells	\$76,035.00
4	Tippecanoe	\$1,047,637.50
4	Fountain	\$144,201.50
4	Carroll	\$443,330.00
4	Warren	<u>\$312,235.25</u>
		\$2,023,439.25
5	Cass	\$250,000.00
5	Miami	\$0
5	Wabash	<u>\$168,038.00</u>
		\$418,038.00
6	Jay	\$0
7	Parke	\$0
7	Sullivan	\$0
7	Vermillion	\$0
7	Vigo	<u>\$200,000.00</u>
		\$200,000.00
13A	Knox	<u>\$204,317.00</u>
		\$204,317.00
13B	Gibson	\$0
13B	Posey	\$0
<b>Program Total</b>		<b>\$2,945,794.25</b>

### Hometown Indiana

<u>Region</u>	<u>County</u>	<u>Grant Amount</u>	<u>Region</u>	<u>County</u>	<u>Grant Amount</u>
1A	LaPorte	\$250,000.00	11		\$0
1A	Porter	\$199,175.00			
1A	Lake	<u>\$353,730.50</u>	12	Ohio	\$200,000.00
		\$802,905.50	12	Jefferson	<u>\$ 25,473.00</u>
					\$225,473.00
1B		\$0			
			13A		\$0
2	Marshall	<u>\$200,000.00</u>			
		\$200,000.00	13B	Warrick	<u>\$100,000.00</u>
					\$100,000.00
3A	Steuben	<u>\$105,465.00</u>			
		\$105,465.00	14	Scott	\$235,241.00
			14	Clark	<u>\$100,000.00</u>
3B	Allen	\$200,000.00			\$335,241.00
3B	Dekalb	\$200,000.00			
3B	Whitley	<u>\$155,575.00</u>			
		\$555,575.00	15		\$0
			<b>Program Total</b>		<b>\$3,964,432.50</b>
4	Montgomery	\$16,592.00			
4	Tippecanoe	<u>\$200,000.00</u>			
		\$216,592.00			
5		\$0			
6	Delaware	\$255,041.00			
6	Grant	<u>\$200,000.00</u>			
		\$455,041.00			
7	Clay	<u>\$38,388.00</u>			
		\$38,388.00			
8	Boone	\$170,300.00			
8	Johnson	<u>\$200,000.00</u>			
		\$370,300.00			
9	Wayne	<u>\$200,000.00</u>			
		\$200,000.00			
10	Monroe	<u>\$359,452.00</u>			
		\$359,452.00			



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## Recreational Trails Program

<u>Region</u>	<u>County</u>	<u>Grant Amount</u>	<u>Region</u>	<u>County</u>	<u>Grant Amount</u>
1A	LaPorte	\$100,000.00	8	Boone	\$62,800.00
1A	Porter	\$59,200.00	8	Marion	\$65,000.00
1A	Lake	<u>\$100,000.00</u>	8	Hamilton	<u>\$214,436.00</u>
		\$259,200.00			\$342,236.00
1B		\$0	9	Wayne	\$100,000.00
2	Kosciusko	\$100,000.00	10		\$0
2	St. Joseph	<u>\$100,000.00</u>	11		\$0
		\$200,000.00			
3A	Steuben	\$113,470.00	12	Jefferson	\$44,000.00
3B		\$0	12	Dearborn	<u>\$65,870.00</u>
4		\$0			\$109,870.00
5	Howard	\$100,000.00	13A	Knox	\$38,486.00
6	Grant	\$113,470.00	13B		\$0
7	Sullivan	\$99,530.00	14	Clark	\$44,000.00
			15		\$0
			<b>Program Total</b>		<b>\$1,520,262.00</b>

### Shooting Range Program

<u>Region</u>	<u>County</u>	<u>Grant Amount</u>
1A		\$0
1B		\$0
2	Kosciusko	\$27,697.00
3A		\$0
3B		\$0
4		\$0
5		\$0
6		\$0
7		\$0
8	Marion	\$75,662.00
9	Rush	\$25,838.00
10		\$0
11	Bartholomew	\$20,288.21
12		\$0
13A		\$0
13B		\$0
14		\$0
15		\$0
<b>Program Total</b>		<b>\$149,485.21</b>

## Survey Instruments

Participation Survey Instrument  
Issues Survey Instrument  
Trails Survey Instrument





# SCORP 2000

## Participation Survey Instrument

Question Number 1  
How important is outdoor recreation to you?  
Essential  
Desirable  
Don't care  
Undesirable

Question Number 2  
Are you ....  
Male  
Female

Question Number 3  
In which age category are you?  
Under 11  
11 17  
18 – 24  
25 – 34  
35 – 44  
45 – 54  
55 – 64  
65 – 74  
75 or older

Question Number 4 Skip if 3 – 1  
What is your current marital status?  
Single, never married  
Married  
Divorced  
Separated  
Widowed

Question Number 5 Skip if 3 – 1, 2  
Do you have any children living at home?  
Yes  
No

Question Number 6

Which of the following do you consider yourself to be?

White, non Hispanic  
 Black/African American  
 Hispanic/Latino  
 American Indiana/Alaska Native  
 Asian  
 Native Hawaiian/Pacific Islander  
 Multi-racial  
 Other

Question Number 7

Skip if 3 - 1

What is the highest level of education you have completed?

8<sup>th</sup> grade or less  
 1 – 3 years of high school  
 Completed high school  
 Trade or technical school  
 1 – 3 years of college  
 Completed college degree  
 Graduate work or degree

Question Number 8

Do you consider yourself as having any sort of disability that interferes with participation in outdoor recreation activities?

Yes  
 No

Question Number 9

Skip if 3-1, 2

What is your best estimate of your total household income, before taxes in 1997?

Less than \$10,000  
 \$10,000 - \$19,999  
 \$20,000 – \$29,999  
 \$30,000 - \$49,999  
 \$50,000 - \$74,999  
 \$75,000 - \$99,999  
 \$100,000 – or more



# SCORP 2000

## Participation Survey Instrument Cont.

Question Number 10  
Do you live in Indiana?

Yes  
No

Question Number 11 Only if 10 – 1  
What is the first letter of the county in which you live?

A  
B  
C  
D  
E  
F  
G  
H  
J  
K  
L  
M  
N  
O  
P  
R  
S  
T  
U  
V  
W

Don't know

Question Number 12 Only if 11 – 1, 2, 3, 4  
In which Indiana county do you live?

Adams  
Allen  
Bartholomew  
Benton  
Blackford  
Boone  
Brown  
Carroll

Elkhart  
Fayette  
Floyd  
Fountain  
Franklin  
Fulton  
Gibson  
Grant  
Greene  
Hamilton  
Hancock  
Harrison  
Hendricks  
Henry  
Howard  
Huntington  
Jackson  
Jasper  
Jay  
Jefferson  
Jennings  
Johnson  
Knox  
Kosciusko  
Don't know/other



# SCORP 2000

## Participation Survey Instrument Cont.

Question Number 14 Only if 11 – 5, 6, 7, 8, 9

In which Indiana county do you live?

LaGrange

Lake

LaPorte

Lawrence

Madison

Marion

Marshall

Martin

Miami

Monroe

Montgomery

Morgan

Newton

Noble

Ohio

Orange

Owen

Parke

Perry

Pike

Porter

Posey

Pulaski

Putnam

Don't know/other

Question Number 15 Only if 11 – 16, 17, 18

In which Indiana county do you live?

Randolph

Ripley

Rush

St. Joseph

Scott

Shelby

Spencer

Starke

Steuben

Sullivan  
Switzerland  
Tippecanoe  
Tipton  
Don't know/other

Question Number 16 Only if 11 – 19, 20, 21  
In which Indiana county do you live?

Union  
Vanderburgh  
Vermillion  
Vigo  
Wabash  
Warren  
Warrick  
Washington  
Wayne  
Wells  
White  
Whitley  
Don't know/other

Question Number 17  
Which of the following BEST describes the community in which you live?

Suburb of a metropolitan area  
A city (not a suburb) of more than 500,000 people  
A city between 50,000 & 500,000 people  
A city between 10,000 & 50,000 people  
A town between 5,000 & 10,000 people  
A town of less than 5,000 people  
A rural area

Question Number 18 If 18 – 2, Do & Go to 50  
Did you participate in ANY outdoor recreation activity during the past year? (This may include anything from home gardening and horseshoes to snow skiing and mountain climbing.)

Yes  
No



# SCORP 2000

## Participation Survey Instrument Cont.

Question Number 19

On the next 2 screens, please pick all the outdoor recreation activities that You participated in REGULARLY in the last year. Select all that apply. Symbols will appear as each answer is chosen. After all selections are made or if "none" .... Touch the "CONTINUE" box.

Walking/hiking/jogging  
Bicycling  
Horseback riding  
Motorized vehicle use (Motorcycle, 4-wheel, ATV, snowmobile)  
Nature observation/photography  
Picnicking  
Playground use  
Rollerblading/roller skating/skateboarding  
Court sports (Tennis/basketball/volleyball/horseshoe/shuffleboard)  
Field sports (Football/soccer/baseball)  
Golf

Question Number 20

Again, please pick all the outdoor recreation activities that you participated in REGULARLY in the last year. Select all that apply. Symbols will appear as each answer is chosen. After all selections are made of if "none" ....touch the "CONTINUE" box.

Camping  
Boating/water skiing/jet skiing  
Swimming, scuba, snorkeling  
Hunting  
Fishing  
Winter sports (Skiing, sledding, skating)  
Trapping  
Shooting sports  
Fairs/festivals  
Remote control (Cars/boats/planes)  
Lawn games (Badminton/lawn bowling)

Question Number 21 Only if 19 – 1  
 Since you selected hiking, walking, jogging, in which of the following areas did you participate. Pick as many as you wish – then touch “CONTINUE”.

Hiking  
 Jogging/Running  
 Fitness/rehabilitation  
 Other

Question Number 22 Only if 19 – 2  
 Since you selected bicycling, in which of the following areas did you participate? Pick as many as you wish – then touch “CONTINUE”.

BMX  
 Rail-trail/bikeway corridor riding  
 Casual riding  
 Touring  
 Mountain biking  
 Competitive riding/road racing  
 Other

Question Number 23 Only if 19 – 4  
 Since you selected motorized vehicle use, in which of the following areas did you participate? Pick as many as you wish – then touch “CONTINUE”.

Snowmobiling  
 4-wheel drive vehicles  
 Atv's  
 Motorcycles  
 Pleasure driving  
 Other





# SCORP 2000

## Participation Survey Instrument Cont.

Question Number                      24                      Only if 19 - 5  
Since you selected nature observatoin/photography, in which of the following areas did you participate? Pick as many as you wish – then touch “CONTINUE”. Gathering (Mushroom, berry, etc.)

Nature photography  
Bird watching  
Wildlife viewing  
Relaxation/aesthetics  
Fall foliage  
Other

Question Number                      25                      Only if 19 - 9  
Since you selected court sports, in which of the following areas did you participate? Pick as many as you wish – then touch “Continue”.

Horseshoes  
Basketball  
Tennis  
Shuffleboard  
Volleyball  
Other

Question Number                      26                      Only if 19 – 9  
Since you selected field sports, in which of the following areas did you participate. Pick as many as you wish – then touch “CONTINUE”.

Baseball/softball  
Football  
Soccer  
Other

Question Number                      27                      Only if 19 – 11  
Since you selected golf, in which of the following areas did you participate. Pick as many as you wish – then touch “CONTINUE”.

Regulation golf  
Driving range  
Miniature golf  
Par 3  
Other

Question Number                      28                      Only if 20 – 1  
 Since you selected camping, in which of the following areas did you participate. Pick as many as you wish – then touch “CONTINUE”.

Backpack/remote camping (Developed or undeveloped)

RV/trailer camping

Tent camping

Car/van/truck camping

Organized camping

Cabins

Other

Question Number                      29                      Only if 20 – 2  
 Since you selected boating, in which of the following areas did you participate. Pick as many as you wish – then touch “CONTINUE”.

Canoeing/rafting/kayaking

Sailing/windsurfing

Rowing

Water skiing/tubing

Power boating (includes electric & pontoons)

Jet skiing/personal watercraft

Houseboats

Other

Question Number                      30                      Only if 20 – 3  
 Since you selected swimming/scuba/etc., in which of the following areas did you participate. Pick as many as you wish – then touch “CONTINUE”.

Pool swimming

Swimming at a lake, river, or beach of any kind

Scuba/snorkeling

Other



# SCORP 2000

## Participation Survey Instrument Cont.

Question Number                      31                      Only if 20 – 4  
Since you selected hunting, in which of the following areas did you participate. Pick as many as you wish – then touch “CONTINUE”.

Fur bearing animals  
Waterfowl  
Turkey  
Deer  
Small game  
Other

Question Number                      32                      Only if 20 – 5  
Since you selected fishing, in which of the following areas did you participate. Pick as many as you wish – then touch “CONTINUE”.

Lake/reservoir  
River/stream  
Ponds  
Great Lakes  
Boat fishing  
Bank fishing  
Ice fishing  
Other

Question Number                      33                      Only if 20 – 6  
Since you selected winter sports, in which of the following areas did you Participate. Pick as many as you wish – then touch “CONTINUE”.

Ice skating  
Sledding  
Snowmobiling  
Hockey  
Snowshoe/Hiking  
Alpine (downhill)/skiing/snowboarding  
Cross-country skiing  
Other

Question Number 34 Only if 20 – 8  
Since you selected shooting sports, in which of the following areas did you participate. Pick as many as you wish – the touch “CONTINUE

Clay targets  
Archery  
Hand guns  
Rifles  
Paint-ball  
Other

Question Number 35  
Where did you participate ion this/these activities MOST frequently?

In Indiana  
Outside the state of Indiana

Question Number 36 Only if 35 – 1  
If you remember the county in Indiana in which you participated MOST frequently in this/these activities, select the first letter of that county. (If you don’t remember the county touch “Don’t know”.

A  
B  
C  
D  
E  
F  
G  
H  
J  
K  
L  
M  
N  
O  
P  
R  
S  
T  
U  
V  
W  
Don’t know



# SCORP 2000

## Participation Survey Instrument Cont.

Question Number                      37                      Only if 36 – 1, 2, 3,  
In which Indiana county did you participate in this/these activities  
MOST frequently?

Adams  
Allen  
Bartholomew  
Benton  
Blackford  
Boone  
Brown  
Carroll  
Cass  
Clark  
Clay  
Clinton  
Crawford  
Daviess  
Dearborn  
Decatur  
DeKalb  
Delaware  
Dubois  
Don't know/other

Question Number                      38                      Only if 36 – 5, 6, 7, 8  
In which Indiana county do you participate in this/these activities  
MOST frequently?

Elkhart  
Fayette  
Floyd  
Fountain  
Franklin  
Fulton  
Gibson  
Grant  
Greene  
Hamilton  
Hancock  
Harrison  
Hendricks  
Henry

Howard  
Huntington  
Jackson  
Jasper  
Jay  
Jefferson  
Jennings  
Johnson  
Knox  
Kosciusko  
Don't know/other

Question Number                      39                      Only if 36 – 11, 12, 13, 14  
In which Indiana county did you participate in this/these activities MOST  
frequently?

LaGrange  
Lake  
LaPorte  
Lawrence  
Madison  
Marion  
Marshall  
Martin  
Miami  
Monroe  
Montgomery  
Morgan  
Newton  
Noble  
Ohio  
Orange  
Owen  
Parke  
Perry  
Pike  
Porter  
Posey  
Pulaski  
Putnam  
Don't know/other



# SCORP 2000

## Participation Survey Instrument Cont.

Question Number                      40                      Only if 36 – 16, 17, 18  
In which Indiana county do you participate in this/these activities  
MOST frequently?

Randolph

Ripley

Rush

St. Joseph

Scott

Shelby

Spencer

Starke

Steuben

Sullivan

Switzerland

Tippecanoe

Tipton

Don't know/other

Question Number                      41                      Only if 36 – 19, 20  
In which Indiana county did you participate in this/these activities  
MOST frequently?

Union

Vanderburgh

Vermillion

Vigo

Wabash

Warren

Warrick

Washington

Wayne

Wells

White

Whitley

Don't know/other

Question Number                      42                      Only if 36 – 22  
Since you don't remember which county, please select, to the best of your  
knowledge, the region of Indiana where you participated in this/these  
activities MOST frequently.

Northeast  
Northwest  
Central  
Southeast  
Southwest  
Don't remember

Question Number 43

Now think of the ONE outdoor activity that you participated in the MOST during the past year. What type of property did you use the last time you did this activity?

Private  
Commercial  
Membership only facility  
Federal  
State  
County  
City/town  
Own personal property  
Other  
Don't know

Question Number 44

Only 6 questions left!

With whom did you participate in this activity the MOST RECENT TIME? (Select all that apply, then touch "CONTINUE")

Alone  
Spouse  
Child/children  
Other family members  
Friends  
Work Colleagues  
Organized group  
Other





# SCORP 2000

## Participation Survey Instrument Cont.

Question Number

45

If new recreation areas were developed or if present recreation areas were improved for the activity you participate in MOST frequently, how long would you be willing to travel to use the area.

5 – 15 minutes

16 minutes – 1 hour

1 – 1.5 hours

2 hours

3 hours

More than 3 hours

Question Number

46

What would be the MAIN reason why you would not participate in that activity MORE OFTEN?

Lack of time

Lack of available facilities

Lack of money

Lack of people with similar interest

Too demanding physically

Family constraints (Children too young, etc.)

Other

None

Question Number

47

Only 3 questions left!

Who do you think should provide facilities for that activity. Select as many as apply & then touch "CONTINUE".

Private land owners

Commercial land owners

Membership only facilities

Federal Government

State Government

County Government

City/town Government

Individual users

Other

Don't know

Question Number 48

On the next 2 screens, please pick which outdoor recreation activities you would be MOST LIKELY to participate in if adequate facilities were available. Select all that apply. Symbols will appear as each answer is chosen. After all sections are made or if "none" ... touch the "CONTINUE" box.

Walking/hiking/jogging

Bicycling

Horseback riding

Motorized vehicle use (Motorcycle, 4-wheel, ATV, snowmobile)

Nature observation/photography

Picnicking

Playground use

Rollerblading/roller skating/skateboarding

Court sports (Tennis/basketball/volleyball/shoeshoe/shuffleboard)

Field sports (Football, soccer/baseball)

Golf

Question Number 49

Again, please pick which outdoor recreation activities you would be MOST LIKELY to participate in if adequate facilities were available. Select all that apply. Symbols will appear as each answer is chosen. After all selections are made or if "none" ... touch the "CONTINUE" box.

Camping

Boating/water skiing/jet skiing

Swimming, SCUBA, snorkeling

Hunting

Fishing

Winter sports (Skiing, sledding, skating)

Trapping

Shooting sports

Fairs/festivals

Remote control (Cars;boats;planes)

Lawn games (Badminton/lawn bowling)



# SCORP 2000

## Participation Survey Instrument Cont.

Question Number

50

If the PUBLIC SECTOR (GOVERNMENT) is to raise money for the development or improvement of outdoor recreation facilities, how should they do it? Select up to three answers. Pick your first choice – FIRST, second choice –SECOND, etc. Touch “CONTINUE” when finished.

No more money needed

Additional federal funds

Increased special use taxes (Cigarette, liquor)

Increased state income tax

Increased state sales tax

Lottery/gaming proceeds

Increased user fees (Admission charges/facilities, hunting/fishing licenses)

Other local funding

No preference

## Issues Survey Instrument

PURDUE UNIVERSITY  
Outdoor Recreation Research Program

Indiana Department of Natural Resources  
Division of Outdoor Recreation

Dear Indiana Resident:

We are asking you to give us your opinion on outdoor recreation in the State of Indiana. Your opinion will influence how the state plans outdoor recreation for the next five years. As you are filling out this survey, try to think what you feel are the important issues facing us as residents of the state.

You will also notice that there is a 'don't know' category on the survey. Please use this category if you feel that you do not have enough information to answer a specific question.

Please read the whole questionnaire before you fill it out. While you may believe all these issues are important, remember that some must be more important than others. Consider that when you rate the items.

The issues selected have been obtained from both professionals and citizens. We understand that you may not see the same things as important. We have provided space on the back of the survey to write down anything that you feel we have missed. We value your perspective and take it seriously.

Your participation is voluntary and greatly appreciated. Since only a very small portion of the state population was selected, each and every survey is very important in providing a representative picture of state residents. Without your input, your point of view may not be represented.

This survey is being administered by the Purdue University Outdoor Recreation Research Program in conjunction with the Indiana Department of Natural Resources, Division of Outdoor Recreation. If you have any questions please call us at (765) 494-3622.

Thank you.

Sincerely,



# SCORP 2000

## Issues Survey Instrument Cont.

While completing the survey, certain issues will be more important to some people and less so to others. Please indicate your feeling by using the complete range of the choices below.

- 1-extremely important
- 2-somewhat important
- 3-neutral
- 4-not very important
- 5-not at all important
- DK-don't know

Please circle the number that most accurately indicates your position. Remember, the numbers are ranked in order from most to least important.

		<b>Importance</b>					
		Extremely			Not at all	Don't Know	
1.	The State of Indiana should make efforts to acquire land for recreation from individuals willing to sell land.	1	2	3	4	5	DK
2.	The State government should arrange a property tax replacement agreement with local government agencies for state recreation lands inside the local government's jurisdiction.	1	2	3	4	5	DK
3.	Having recreation areas close to my home improves my quality of life.	1	2	3	4	5	DK
4.	A source of long term, consistent funding for resource conservation should be provided at the state and local level.	1	2	3	4	5	DK
5.	Where there is need, the state should seek to convert land from agricultural use to recreational use.	1	2	3	4	5	DK
6.	Motorized vehicles should have more public recreation space than is currently available to them.	1	2	3	4	5	DK
7.	The state should provide support and assistance to local organizations in expanding local trail systems.	1	2	3	4	5	DK

		Extremely	Importance			Not at all	Don't Know
		1	2	3	4	5	
8.	The state should respect property rights even when they are in direct conflict with community recreation needs.	1	2	3	4	5	DK
9.	A source of long term, consistent funding for outdoor recreation should be provided at the state and local level.	1	2	3	4	5	DK
10.	The state's current river recreation Areas need to be protected.	1	2	3	4	5	DK
11.	Priority should be given to acquiring lands in urban areas for outdoor recreation.	1	2	3	4	5	DK
12.	Economic impact data need to be used in outdoor recreation planning.	1	2	3	4	5	DK
13.	Environmental education is being well used as a tool to build a greater awareness of the proper use and management of the environment.	1	2	3	4	5	DK
14.	New or additional partnerships should be developed between the private sector and local, state and federal agencies to develop and maintain outdoor recreation opportunities.	1	2	3	4	5	DK
15.	River based recreation opportunities need to be expanded.	1	2	3	4	5	DK
16.	I would like more recreation areas close to my home.	1	2	3	4	5	DK
17.	Legislation should be enacted to limit the personal injury liability at state owned and local private properties where recreation is provided.	1	2	3	4	5	DK
18.	The number of visitors to recreation areas that are overused and overcrowded should be limited to aid in conservation.	1	2	3	4	5	DK
19.	User fees, special taxes, or licenses should be used as a alternative source of funding for outdoor recreation areas to help defer operational costs.	1	2	3	4	5	DK



# SCORP 2000

## Issues Survey Instrument Cont.

		Importance					
		Extremely					Not at all
							Don't Know
20.	The state should encourage a rails to trails program that acquires abandoned railroad rights of way and turns them into trails.	1	2	3	4	5	DK
21.	An information clearinghouse should be created to inform the public and recreation agencies about outdoor recreation opportunities in various regions of the state.	1	2	3	4	5	DK
22.	Converting land from agriculture to recreational uses is acceptable.	Yes		No			

Environmental license plate sales fund the Indiana Heritage Trust. The Trust uses the monies generated by these sales to purchase land from willing sellers to protect important natural areas for parks, forests, wetlands, nature preserves, family recreation and wildlife.

23. Are you aware of this program operating in the state? Yes No
24. Do you believe that the Heritage Trusts should continue to be used? Yes No
25. What do you believe are the top five issues/concerns for outdoor recreation in the State of Indiana?
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
26. Are there any additional comments that you would like to add?
27. Is there anything we did not address that you feel is important?

What is your county of residence\_\_\_\_\_

Thank you very much.....Your input is very valuable  
A postage-paid return envelope has been enclosed for your completed Survey.

### Trails Survey Instrument

Question Number 1  
In which area of Indiana do you live?  
(See locator map on sign)

Northwest  
West Central  
Southwest  
Northeast  
East Central  
Southeast

Question Number 2  
Are you ....

Male  
Female

Question Number 3  
What is your age group?

Under 18  
19 – 24  
25 – 34  
35 – 49  
50 – 64  
65 & Over

Question Number 4  
Which best describes your total annual household income,  
before taxes, for 1998?

Less than \$5,000  
\$5,000 - \$9,999  
\$10,000 - \$19,999  
\$20,000 - \$29,999  
\$30,000 - \$39,999  
\$40,000 - \$49,999  
\$50,000 - \$59,999  
\$60,000 - \$69,999  
\$70,000 - \$79,999  
\$80,000 & Over





# SCORP 2000

## Trails Survey Instrument Cont.

Question Number 5  
What size community do you live in?  
4,999 or less Farm or rural area  
5,000 to 9,999 Small town  
10,000 to 49,999 Larger town  
50,000 to 149,000 Large city  
150,000 or more Metropolitan area

Question Number 6  
Isn't this fun !!!  
Are you ....

White/Caucasian  
Hispanic  
Black/African American  
Native American/Indiana  
Asian  
Other

Question Number 7  
What is the highest level of education you have completed?  
Less than high school graduation  
High school graduate/GED  
Some college/associate degree/vocational certificate  
College graduate  
Graduate work or degree

Question Number 8  
In the past twelve months have you used a designated recreational trail?  
Yes  
No  
Not sure

Question Number 9  
What trail activities do you participate in the majority of the time?  
Pick up to 3 and then touch "Continue".

Walking/running  
Hiking/backpacking  
Touring bicycling  
In-line skating  
Cross country skiing  
Snowmobiling  
Mountain bike riding  
4-wheel drive, off road vehicle driving  
Off-road motorcycle riding  
All -terrain vehicle riding  
Canoeing/kayaking  
Horseback riding  
Other

Question Number 10 Only if 9 – 6  
Within the past year, approximately how much did you spend on  
equipment for participation in SNOWMOBILING?

Less than \$300  
\$300 - \$749  
\$750 - \$1,499  
\$1,500 - \$4,999  
\$5,000 – 10,000  
Over \$10,000

Question Number 11 Only if 9 – 9  
Within the part year, approximately how much did you spend on  
equipment for participation in OFF-ROAD MOTORCYCLING?

Less than \$300  
\$300 - \$749  
\$750 - \$4,999  
\$5,000 - \$10,000  
Over \$10,000



# SCORP 2000

## Trails Survey Instrument Cont.

Question Number 12 Only if 9 – 10  
Within the past year, approximately how much did you spend on equipment for participation in ALL TERRAIN VEHICLE RIDING?

Less than \$300  
\$300 - \$749  
\$750 - \$1,499  
\$1,500 - \$10,000  
Over \$10,000

Question Number 13 Only if 9 – 8  
Within the past year, approximately how much did you spend on equipment for participation in 4-WHEEL DRIVE OFF-ROAD VEHICLE DRIVING?

Less than \$300  
\$300 - \$749  
\$750 - \$1,499  
\$1,500 - \$4,999  
\$5,000 - \$10,000  
Over \$10,000

Question Number 14 Only if 9 – 12  
Within the past year, approximately how much did you spend on equipment for participation in HORSEBACK RIDING?

Less than \$300  
\$300 - \$749  
\$750 - \$1,499  
\$1,500 - \$4,999  
\$5,000 - \$10,000  
Over \$10,000

Question Number 15 Only if 9 – 11  
Within the past year, approximately how much did you spend on equipment for participation in CANOEING/KAYACKING?

Less than \$100  
\$100 - \$299  
\$300 - \$499  
\$500 - \$749  
\$750 - \$999  
Over \$1,000

Question Number 16 Only if 9 – 3  
Within the past year, approximately how much did you spend on equipment for participation in TOURING BYCYCLING?

Less than \$100  
\$100 - \$299  
\$300 - \$499  
\$500 - \$749  
\$750 - \$999  
Over \$1,000

Question Number 17 Only if 9 – 7  
Within the past year, approximately how much did you spend on equipment for participation in MOUNTAIN BIKE RIDING?

Less than \$100  
\$100 - \$299  
\$300 - \$499  
\$500 - \$749  
\$750 - \$999  
Over \$1,000

Question Number 18 Only if 9 – 5  
Within the past year, approximately how much did you spend on equipment for participation in CROSS – COUNTRY SKIING?

Less than \$100  
\$100 - \$299  
\$300 - \$499  
\$500 - \$749  
\$750 - \$999  
Over \$1,000



# SCORP 2000

## Trails Survey Instrument Cont.

Question Number      19                      Only if 9 – 2  
Within the past year, approximately how much did you spend on  
equipment for participation in HIKING/BACKPACKING?

Less than \$100  
\$100 - \$299  
\$300 - \$499  
\$500 - \$749  
\$750 - \$999  
Over \$1,000

Question Number      20                      Only if 9 – 1  
Within the past year, approximately how much did you spend on  
equipment for participation in WALKING/RUNNING?

Less than \$50  
\$50 - \$99  
\$100 - \$149  
\$150 - \$199  
\$200 - \$299  
Over \$300

Question Number      21                      Only if 9 –  
Within the past year, approximately how much did you spend on  
equipment for participation in IN-LINE SKATING?

Less than \$50  
\$50 - \$99  
\$100 - \$149  
\$150 - \$199  
\$200 - \$299  
Over \$300

Question Number 22

What is your best estimate of how much money you spend on your last ONE DAY recreational trip that involved the use of trails?  
(Include transportation, meals, etc.)

Less than \$10

\$11 - \$30

\$31 - \$50

\$51 - \$100

Did not take any day trips

Question Number 23

On your last EXTENDED (2 or more days) recreational trip that involved the use of trails, approximately how much money would you say you spent PER DAY?

Less than \$25

\$25 - \$50

\$50 - \$100

\$100 - \$200

Over \$200 a day

Did not take any extended trips.

Question Number 24

Almost done !!!

How often do you use designated recreational trails?

Never

Once a week or less

2 - 4 times a week

5 - 7 times a week



# SCORP 2000

## Trails Survey Instrument Cont.

Question Number      25                      Skip if 24 – 1  
What are your reasons for using these trails?  
(Pick up to 3, picking the most important first, then the second most important, etc. Touch “Continue” when done.)

Pleasure – relaxation – recreation  
Health – physical training  
Social – family outing  
Scenery – natural environment  
Off the road safety  
Travel – commuting to another place  
Other

Question Number      26                      Only if 24 – 10 or 2  
What are the primary reasons why you don’t use recreational trails more often? (Select up to 3 & then touch “CONTINUE”)

No enough time  
Trails too far away  
Poor health  
Too old  
Physically disabled  
Trails need to be in better condition  
Need stricter rules on who can use trails  
Need better historical & environmental info  
Need more facilities (restrooms, shelters)  
Need more parking at trailheads  
Need more professional guides available  
Need better access for users with disability  
Lack of safety on trails  
I don’t know where trails are located  
Other

Question Number 27

Please select your level of interest in participating in the following activities: (Skip if Don't Know)

1	2	3	4	5
Not interested	Not very	Neutral	Somewhat	Very
at all	interested		interested	Interested

Day hike in the wilderness  
 Overnight backpack hiking  
 Walk on a public trail in your city  
 Bicycling within your city/town  
 Bicycling outside your city/town

Question Number 28

Please select your level of interest in participating in the following Activities: (Skip if Don't Know)

1	2	3	4	5
Not interested	Not very	Neutral	Somewhat	Very
at all	interested		interested	Interested

Horseback riding  
 Snowmobiling  
 Cross-country skiing  
 Running or Jogging  
 Canoeing

Question Number 29

Please select your level of interest in participating in the following Activities:  
 (Skip if Don't Know)

1	2	3	4	5
Not interested	Not very	Neutral	Somewhat	Very
at all	interested		interested	Interested

Off road motorcycling  
 All-terrain vehicle riding  
 Off road 4-wheel drive riding  
 In-line skating





# SCORP 2000

## Trails Survey Instrument Cont.

Question Number 30

How important/unimportant do you feel the following trail issues are?

1	2	3	4	5
Not interested at all	Not very interested	Neutral	Somewhat interested	Very Interested

Building more trails  
Building long distance trails  
Linking together existing trails  
Paving trail with asphalt  
Designating road as bike routes  
Developing bike commuting trails

Question Number 31

How important/unimportant do you feel the following trail issues are?

1	2	3	4	5
Not interested at all	Not very interested	Neutral	Somewhat interested	Very Interested

Developing trails close to home  
Developing trails for motorized use  
Publishing trail map guides  
Acquiring more land for trails  
Designating a funding sourced  
Improve trails for the disabled

Question Number 32

Only 3 questions left !!!

Of the following which do you feel should be the primary source of  
fundingfor the development of recreational trails?

General taxes  
Tax on recreational equipment  
Trails use fees  
Donations  
Other funding sources  
None

Question Number 33  
If the money was spent in your local area for trail upkeep & new trail Development, would you be willing to pay an annual fee to use designated Recreational trails?

Yes  
No  
Maybe

Question Number 34  
Last Question !!!  
How much would you be willing to pay for this annual trail fee?

Less than \$5  
\$5.00 - \$9.99  
\$10.00 - \$14.99  
\$15.00 - \$19.99  
\$20.00 or more



## Greenways Abstracts

The Center for Urban Policy and the Environment-School of Public and Environmental Affairs of Indiana University conducted the following studies on greenways and trails and produced reports in June 1998. Abstracts from each report are included to inform you about the study's focus. Copies of the full report can be obtained by requesting them from the Division of Outdoor Recreation.

### ***A Note on the Use of Urban Greenways***

In many urban areas planners are working to develop systems of greenways – linear open spaces along natural or artificial corridors such as riverfronts, streams, ridge lines, abandoned railroad right-of-ways, canals, or scenic roads. Many greenways include trails for active recreational use, including walking, running, bicycling, and skating. This note reports the results of counts and surveys of users on greenway trails in Indianapolis, Indiana. It is shown that trail use varies considerably, that many users visit trails frequently, and that users desire basic amenities such as drinking fountains and toilet facilities. Implications for trail planning in other areas are discussed.

### ***Public Planning for Private Greenways: Evidence from the Crooked Creek Greenway Survey***

Environmental planners across the United States are planning systems of greenways – linear open spaces along natural or artificial corridors such as streams, ridge lines, abandoned rail lines, or scenic roads that provide recreational opportunities, important ecological services such as habitat, water quality benefits, or scenic views. Although most greenways provide some type of access for recreation, some greenways are names or designations given to corridors of land that are scenic or ecologically significant. Many of these designated greenways are privately owned, and both the property owners and the public often are unaware of the important ecological services provided by their property. This paper reports the results of a survey to explore the values of greenway property owners and the public place on public programs to improve stewardship of private property in the Crooked Creek Greenway. The results suggest that support for public clean-up and educational programs is modest but that the majority of people believe that greenway designation will have positive effects. People outside the designated greenway appear to value designation much less than property owners within it. The results suggest that planners can play an important role in educating people about the benefits of greenways.

### ***Priorities in Park Planning: Support for a Rail-Trail in Hendricks County***

Counties with large populations in unincorporated areas face special challenges in planning for their recreational needs. Planners in Hendricks County, Indiana, used a survey of registered voters to help determine priorities in park planning. Although a plurality of respondents favored creation of a park board, and a majority was opposed to tax increases to fund development of recreational facilities, a majority of respondents favored development of a rail-trail. County officials considered the survey results in making decisions. The results are consistent with trends in park planning that integrate efforts to plan for open space, recreation, and preservation and require flexible, innovative approaches to planning.

***Economic Evaluation of Major Urban Greenway Projects***

Many cities are redeveloping urban waterfronts as open space or greenways. In some places, these projects are planned as part of overall strategies for economic development. Although planners advocate greenways for many reasons including their economic benefits, the benefits of major urban greenways often are not estimated and information about the benefits of major urban greenways generally is not available. This paper describes procedures used in economic evaluations of two major greenway projects in Indiana, the Central Indianapolis Waterfront Project and the Ohio River Greenway Project. Methodological adaptations are presented, and the results of benefit-cost analyses and regional economic impact analyses are summarized. It is shown that the economic benefits of major urban greenways can be substantial. Use of comparable procedures in other planning contexts is discussed.

***Economic Considerations in Planning Urban Greenways A Brief Review***

Many communities across the nation and in Indiana are planning greenways. While planners provide many different justifications for greenway projects, economic considerations often are critical in the political processes that lead to implementation. Planners use two basic types of economic analyses to evaluate greenway projects: benefit-cost analysis and economic impact analysis. Benefit-cost analysis seeks to answer the question of whether the economic benefits of a project exceed its costs. Economic impact analysis evaluates the effects of investments and spending on an economy. This paper categorizes types of greenways, describes basic approaches to economic evaluation, provides illustrative examples of economic evaluations from the literature on greenways, and summarizes recent evaluations of urban greenways in Indiana. Implications for planning urban greenways are discussed.